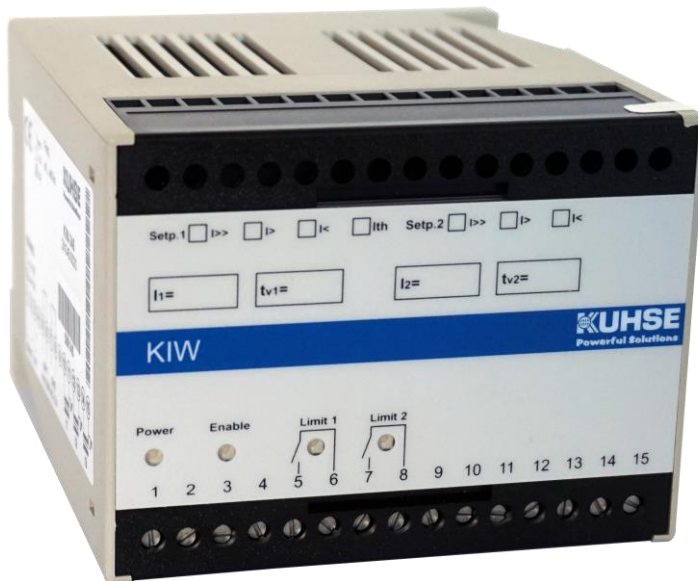


Short Circuit Relay KIW-3xx for 5A – Transformer / 1A - Transformer



Technical Data

Auxiliary Voltage
9 ... 34V DC

Power Consumpt.:
approx. 3 VA

Delay Time:
adjustable: 0,1 ... 100 s
systematic : 50 ms + tx +/- 50 ms for t>0

Burden:
< 0,01 Ohm

Relay Outputs:
230 V / 50 Hz / 2 A

Ambient Temperature:
-20 ... +55 °C

Meas. Error:
nominal frequency : < 1 %

Measuring Inputs:
10*INenn 1 ms

Overload Resist.:
4*INenn constantly

Type of Protection:
IP20

Dimensions W / H / D :
100 x 75 x 110 mm

Description	Order number
<p>The KIW-3xx* Short - Circuit Relay monitors the current in three-phase networks. It is equipped with 2 limit value relays, whose response values can be set independently of each other, ranging from 0.2 A to 20 A for the 5A variant and from 0.04 A to 4 A for the 1A variant. Separate delay times and switching behaviours are adjustable for each limit value. For the current measurement, which is done via transformers, current transformers, suitable for the adapting to the measurement circuits, are to be provided. The auxiliary voltage and release input (terminals 1 - 3) are galvanically separated from the measurement circuits. The current measurement circuits (terminals 10 - 15) are galvanically separated from each other and from the other electronics.</p> <p>The protective device is available in the variants KIW 341 and KIW 345¹ (¹ with analogue output - no galvanic isolation).</p> <p>Special Feature: The threshold relay 1 can operate as a current-depended delayed overload relay. This behaviour is modelled on the thermal / temporal overload triggering of motor circuit breakers. The KIW-3xx meets the VDE 0108 requirement with 110 % nominal current within a 12-hour interval. This current-dependent overload trigger can be switched off, resp. combined.</p> <p>Use the parameterisation-software, which in its latest version is available as download on our homepage www.kuhse.de to adjust the settings of the device.</p>	<p>KIW 345 / 5A / 12 V – 24 V 2W345I0000</p> <p>KIW 341 / 1A / 12 V – 24 V 2W341I0000</p> <p>Accessory:</p> <p>USB cable on request USB A : USB Mini</p>